

FIGURE 1

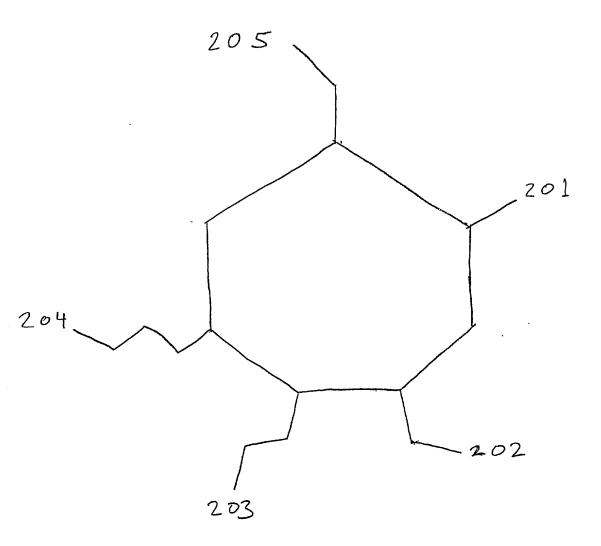
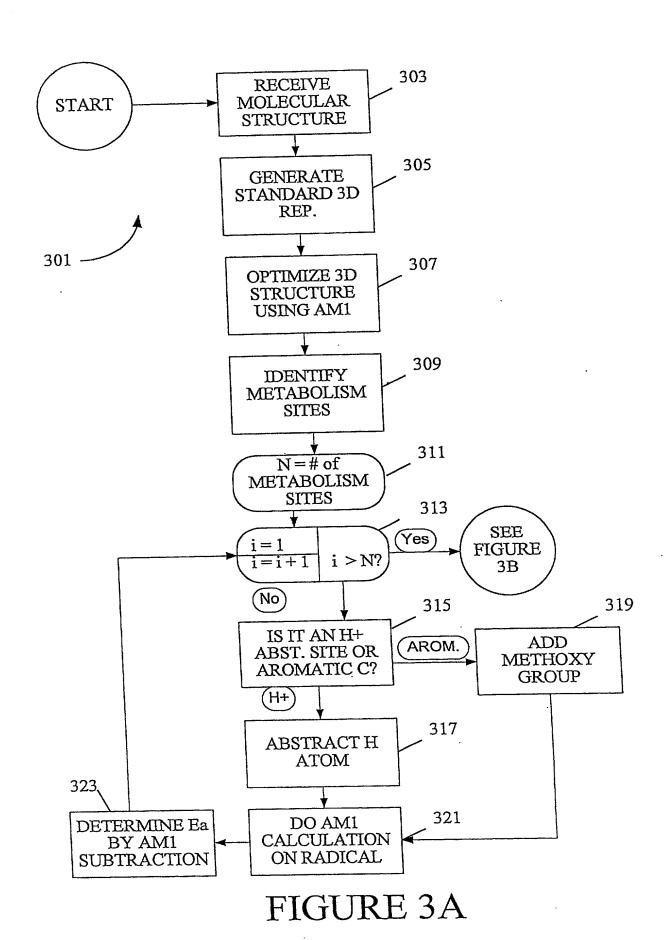


Figure 2



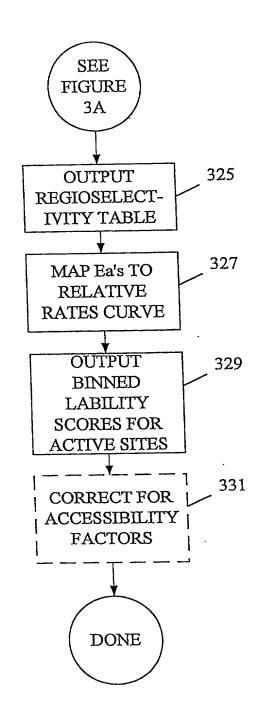


FIGURE 3B

FIGURE 3C

LOVASTATIN		
Regioselectivity/Output Table		
site#	Ea	Lability Bin
1	6.71	labile
2	7.129	labile
3	8.944	moderate
4	9,502	moderate
5	9.806	moderate
66	10.396	moderate
7	10.515	stable
8	10.715	stable
99	10.856	stable
10	10.995	stable
11	11.02	stable
12	11.061	stable
13	11.097	stable
14	11.375	stable
15	11.401	stable
16	11.583	stable
17	11.599	stable
18	11.599	stable
water	10	NA

FIGURE 3D

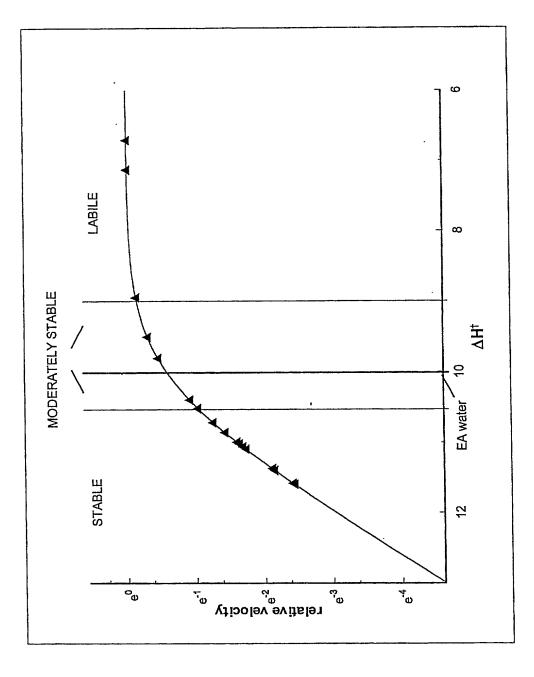


FIGURE 3E

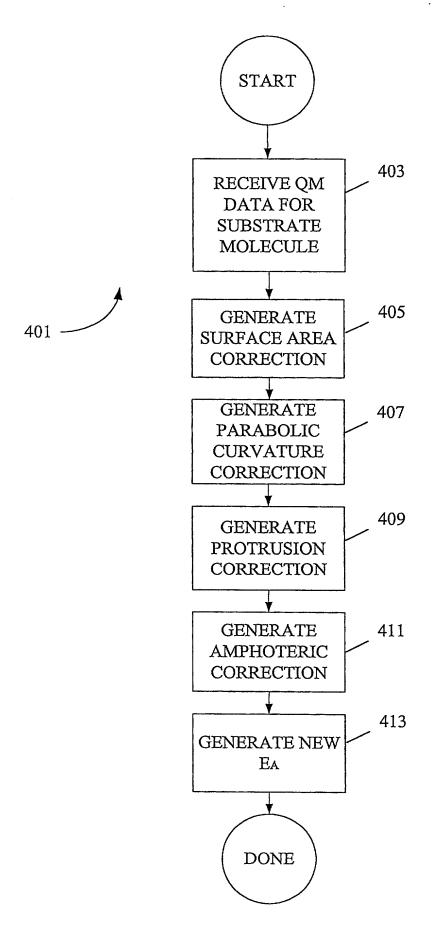
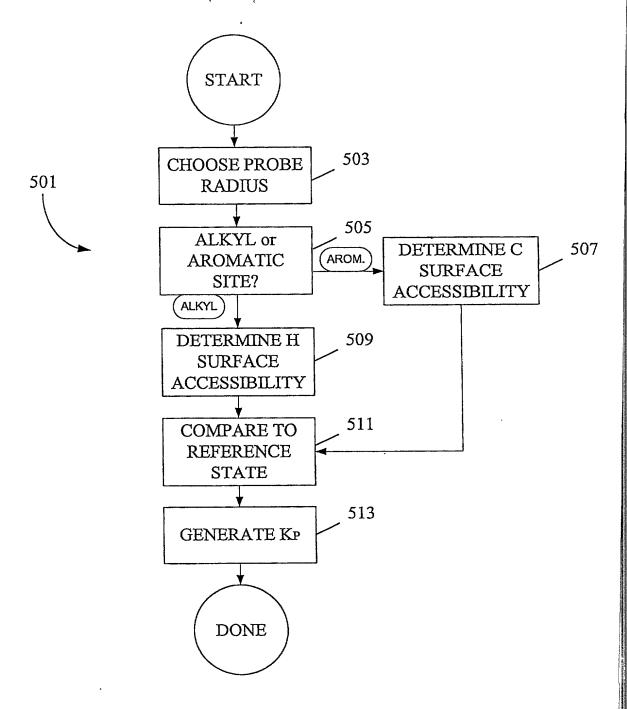
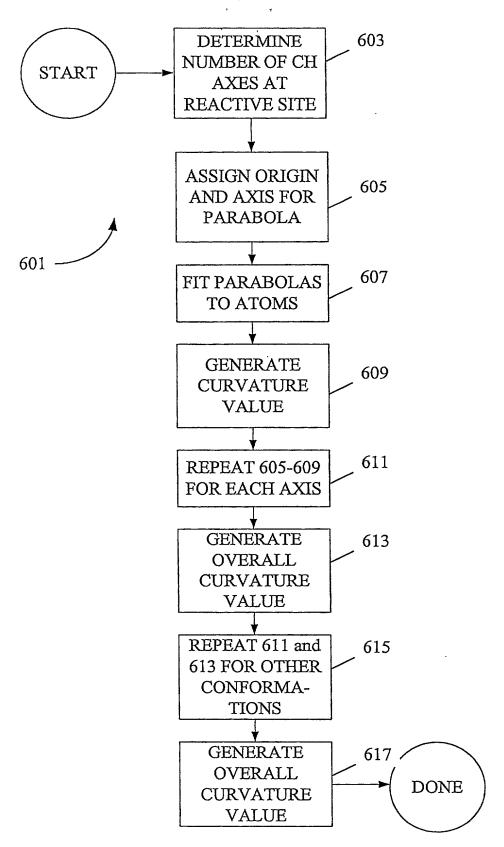


FIGURE 4



SURFACE AREA CORRECTION $K_{Sa} = X_{Sa} f(S(r))$

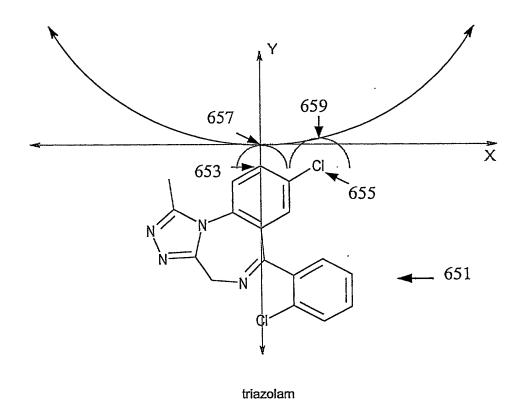
FIGURE 5

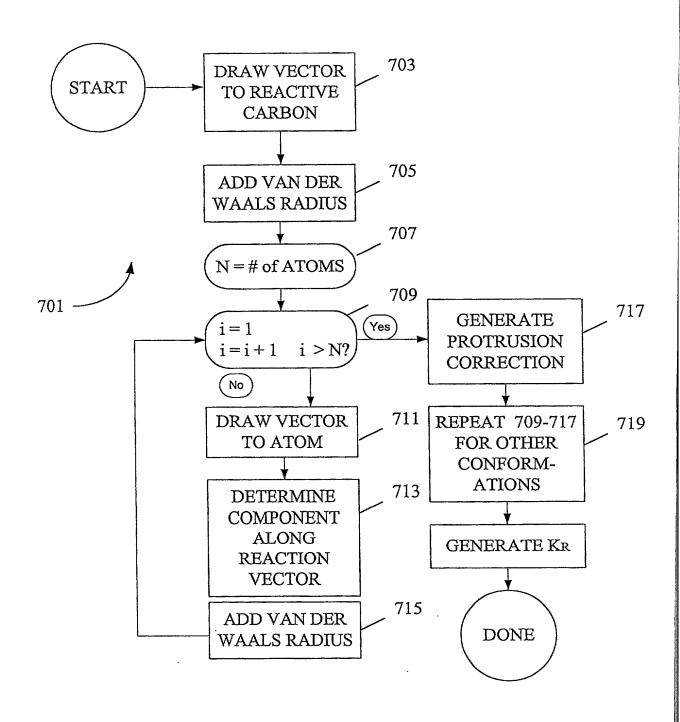


PARABOLIC CURVATURE CORRECTION

 $K_P = X_G P_G + X_S P_S + X_L P_L$

FIGURE 6A



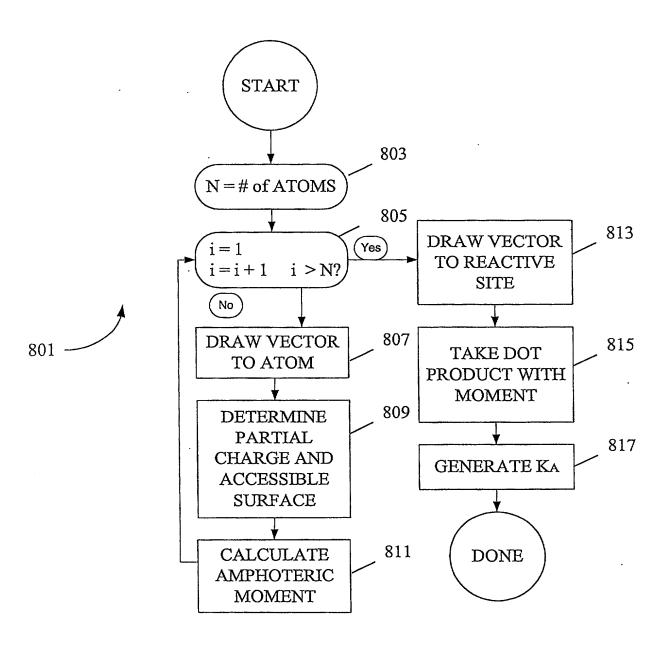


PROTRUSION CORRECTION

 $K_R = Y_G R_G + Y_S R_S + Y_L R_L$

FIGURE 7A

FIGURE 7B



AMPHOTERIC CORRECTION

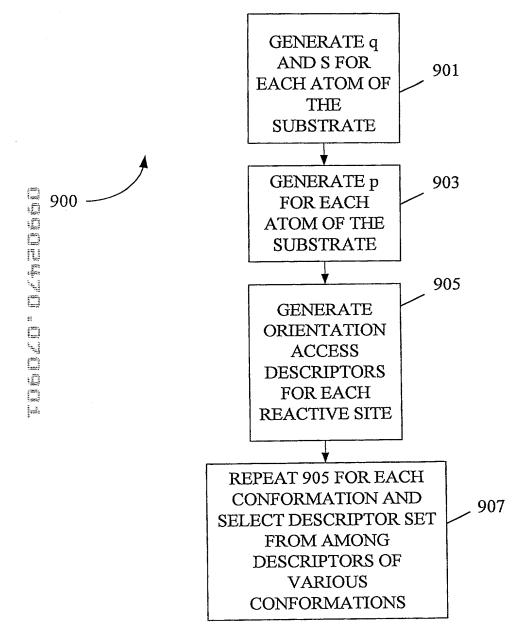
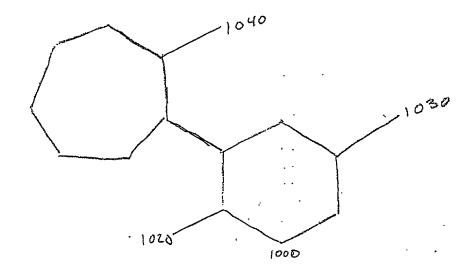
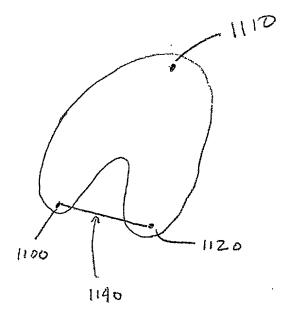


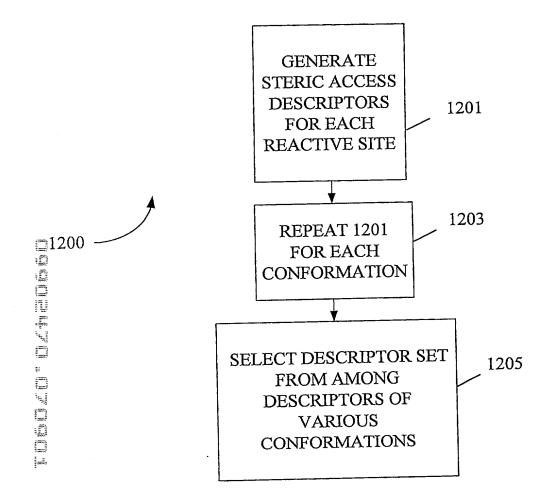
FIGURE 9



F1910



F19 11



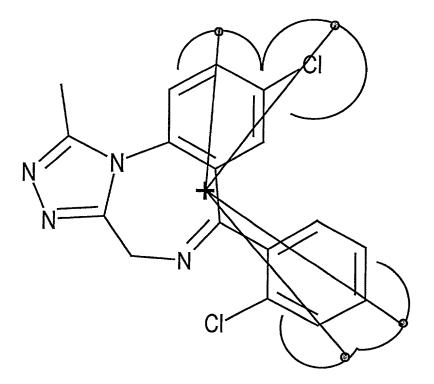
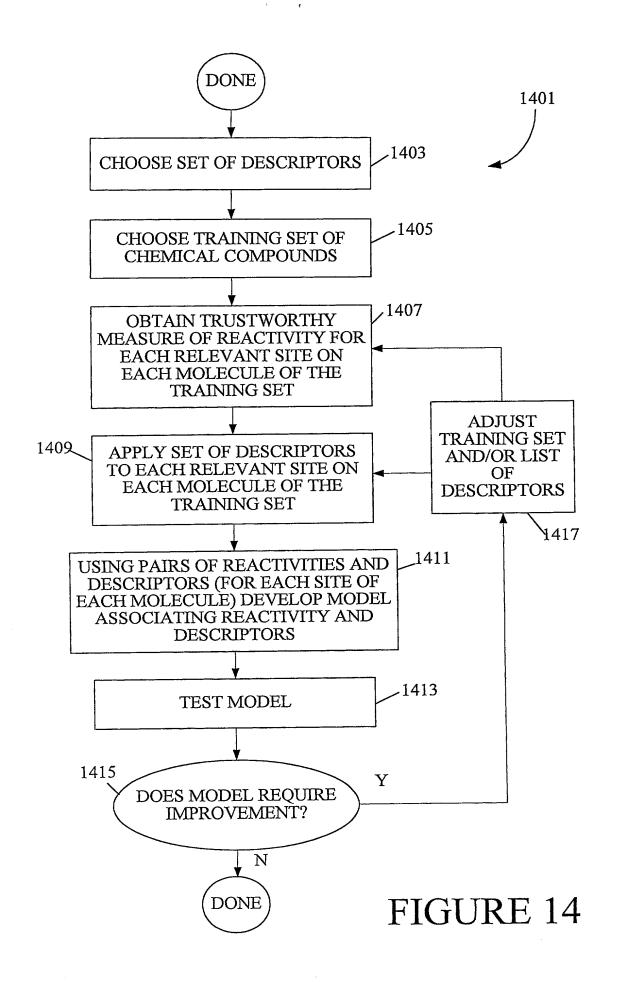


FIGURE 13



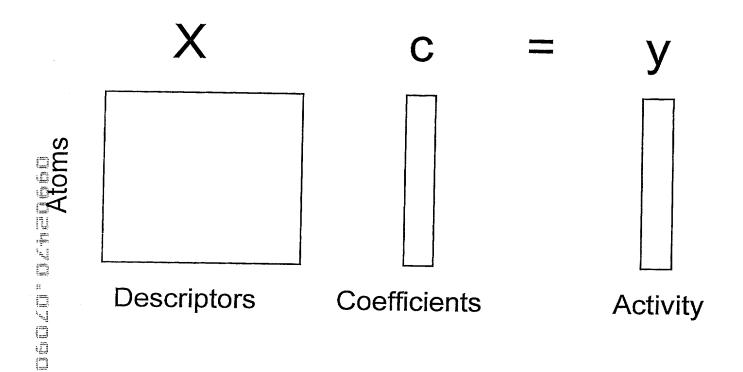


FIGURE 15

6 13A FOR EACH TYPE OF DELCHITTOR SET 1801 PHIGHCRESSOO BNO BHT TO MOST REACTIVE/ ACCUSSIBLE TO ZERO MAKE EACH 1602 DESCRIPTOR RELATIVE TO THE LOWEST OF ITS 160.3 PHIMIAST TRAIMING PATA Set 1604 PLS REGRESSION 1605, DIVIDE COEFFICIENTS BY END 1606 SCALE 163 <u>`</u>اپ E 2 3 INCREASE IMPORTANCE 1607 of metabolized られだら INCHE ASE 1603 IMPURTA WCE

F19 16 ("

OF UNDERSAMPLES

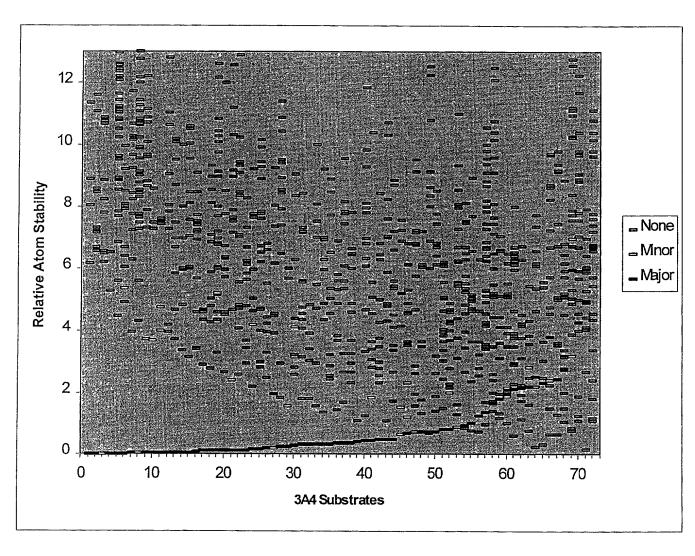


FIGURE 17

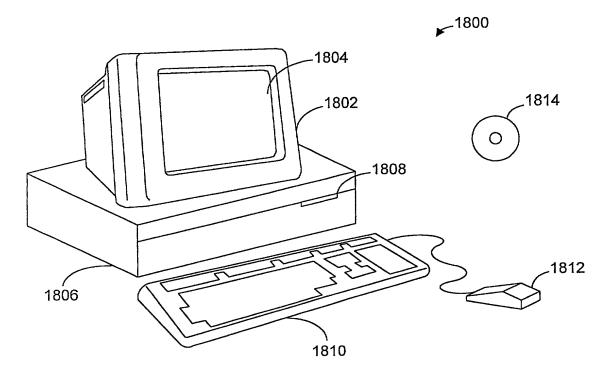


Figure 18A

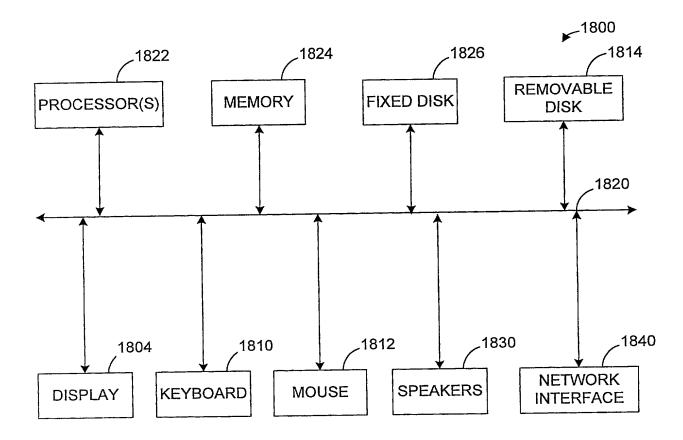


Figure 18B

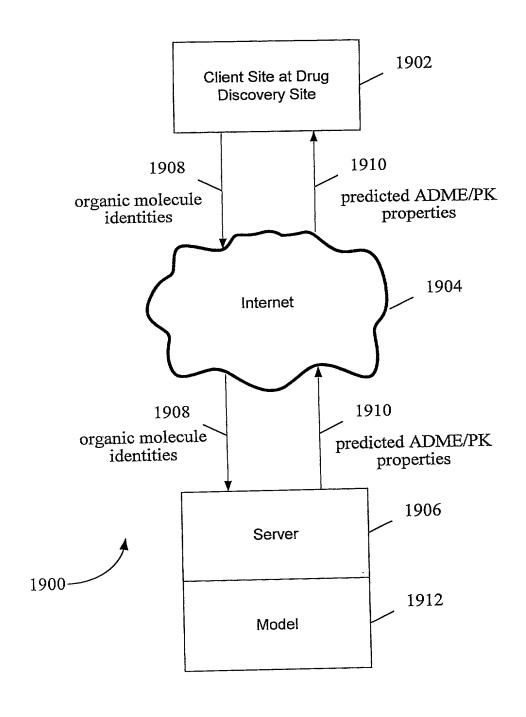


FIGURE 19